

## SEQUENCE LISTING

	Liu, Lu-Yieng Chung, Te-Yu Terng, Harn-Jing	
<120>	METHOD FOR DETECTING ESCHERICHIA COLI	
<130>	12674-005001	
	10/025,137 2001-12-19	
<160>	13	
<170>	FastSEQ for Windows Version 4.0	
<210>		
<211><212>		
	Artificial Sequence	
<220>		
	synthetically generated primer	
<400>		_
cgcaag	ctga aaaagtag	L 8
221A.	2	
<210>		
<211>	18	
<211> <212>	18	
<211> <212>	18 DNA	
<211> <212> : <213> : <213> : <220>	18 DNA	
<211> <212> : <213> : <213> : <220>	18 DNA Artificial Sequence synthetically generated primer	
<211> <212> < <213> < <220> < <223> < <400> <	18 DNA Artificial Sequence synthetically generated primer	<u>.</u> 8
<211> <212> < <213> < <220> < <223> < <400> <	18 DNA Artificial Sequence  synthetically generated primer  2 gtat tgattgtg	. 8
<211> <212> <213> <220> <223> <400> <taggter <210=""> &lt;211&gt; &lt;211&gt;</taggter>	18 DNA Artificial Sequence  synthetically generated primer  2 gtat tgattgtg  3 24	. 8
<211> <212> <213> <220> <223> <400> <taggstyle="color: blue;"=""> &lt;10&gt; &lt;210&gt; &lt;211&gt; &lt;211&gt; &lt;211&gt; &lt;212&gt;</taggstyle="color:>	18 DNA Artificial Sequence  synthetically generated primer  2 gtat tgattgtg  3 24 DNA	. 8
<211> <212> <213> <220> <223> <400> <taggstyle="color: blue;"=""> &lt;10&gt; &lt;210&gt; &lt;211&gt; &lt;211&gt; &lt;211&gt; &lt;212&gt;</taggstyle="color:>	18 DNA Artificial Sequence  synthetically generated primer  2 gtat tgattgtg  3 24	. 8
<211> <212> <213> <220> <223> <400> <221> <210> <211> <211> <211> <212> <212> <213> <213> <220>	18 DNA Artificial Sequence  synthetically generated primer  2 gtat tgattgtg  3 24 DNA Artificial Sequence	. 8
<211> <212> <213> <220> <223> <400> <221> <210> <211> <211> <211> <212> <212> <213> <213> <220>	18 DNA Artificial Sequence  synthetically generated primer  2 gtat tgattgtg  3 24 DNA	. 8
<211> <212> <213> <220> <223> <400> <221> <taggte <211=""> &lt;211&gt; &lt;212&gt; &lt;213&gt; &lt;400&gt; &lt;221&gt; &lt;210&gt; &lt;213&gt; &lt;400&gt; &lt;210&gt; &lt;210 &gt; &lt;210 &gt;</taggte>	18 DNA Artificial Sequence  synthetically generated primer  2 gtat tgattgtg  3 24 DNA Artificial Sequence  synthetically generated primer  3	. 8
<211> <212> <213> <220> <223> <400> <221> <taggte <211=""> &lt;211&gt; &lt;212&gt; &lt;213&gt; &lt;400&gt; &lt;221&gt; &lt;210&gt; &lt;213&gt; &lt;400&gt; &lt;210&gt; &lt;210 &gt; &lt;210 &gt;</taggte>	18 DNA Artificial Sequence  synthetically generated primer  2 gtat tgattgtg  3 24 DNA Artificial Sequence  synthetically generated primer  3	. 8
<211> <212> <213> <220> <223> <400> <221> <taggte <211=""> &lt;211&gt; &lt;212&gt; &lt;213&gt; &lt;400&gt; &lt;221&gt; &lt;210&gt; &lt;213&gt; &lt;400&gt; &lt;210&gt; &lt;210 &gt; &lt;210 &gt;</taggte>	18 DNA Artificial Sequence  synthetically generated primer  2 gtat tgattgtg  3 24 DNA Artificial Sequence  synthetically generated primer  3 cgca agctgaaaaa gtag  2	
<211> <212> <213> <220> <223> <400> <211> <211> <210> <211> <211> <212> <213> <212> <213> <213> <221> <213> <221> <213> <221> <213> <213> <221> <213> <221> <213> <221> <213> <221> <221> <213> <221> <221> <213> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221> <221< <221> <221> <221> <221> <221> <221> <221> <221> <221> <221< <221< <221> <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221< <221<	18 DNA Artificial Sequence  synthetically generated primer  2 gtat tgattgtg  3 24 DNA Artificial Sequence  synthetically generated primer  3 cgca agctgaaaaa gtag  4 24	
<211> <212> : <213> : <213> : <220> <223> : ttaggt; <210> : <211> : <212> : <213> : <212> : <213> : <221> : <213> : <221> : <213> : <221> : <213> : <221> : <213> : <221> : <213> : <221> : <213> : <210> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211> : <211	18 DNA Artificial Sequence  synthetically generated primer  2 gtat tgattgtg  3 24 DNA Artificial Sequence  synthetically generated primer  3 cgca agctgaaaaa gtag  4 24	

<220> <223>	synthetically generated primer	
<400> acgccg		24
<210><211><212><212><213>	27	
<220> <223>	synthetically generated probe	
<400> aataca		27
<210> <211> <212> <213> <	27	
<220> <223>	synthetically generated probe	
<400>		27
<210> 3 <211> 3 <212> 3 <213> 3	27	
<220> <223>	synthetically generated probe	
<400> 'attta		27
<210 > 8 <211 > 3 <212 > 1 <213 > 3	26	
<220> <223> s	synthetically generated probe	
<400> {		26
<210> 9 <211> 9 <212> I <213> P	55	
<220> <223> s	synthetically generated probe	

```
<400> 9
ttttttttt tttttttt tttttgagcg ggaaatcgtg cgcgacatca aggag
                                                                         55
<210> 10
<211> 54
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetically generated probe
<400> 10
ttttttttt tttttttt tttttatgaa gcaygtcagg gcrtggatac ctcg
                                                                         54
<210> 11
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetically generated probe
<400> 11
gtaatacgac tcactatagg gc
                                                                        22
<210> 12
<211> 1350
<212> DNA
<213> Escherichia coli
<400> 12
atgacgcgca tgaaatatct ggtggcagcc gccacactaa gcctgttttt ggcgggttgc
                                                                        60
tcggggtcaa aggaagaagt acctgataat ccgccaaatg aaatttacgc gactgcacaa
                                                                       120
caaaagctgc aggacggtaa ctggagacag gcaataacgc aactggaagc gttagataat
                                                                       180
cgctatccgt ttggtccgta ttcgcagcag gtgcagctgg atctcatcta cgcctactat
                                                                       240
aaaaacgccg atttgccgtt agcgcaggct gccatcgatc gttttattcg ccttaacccg
                                                                       300
acccatccga atatcgatta tgtcatgtac atgcgtggcc tgaccaatat ggcgctggat
                                                                       360
gacagtgcgc tgcaagggtt ctttggcgtt gaccgtagcg atcgcgatcc tcaacatgca
                                                                       420
cgagctgcgt ttagtgactt ttccaaactg gtgcgcggct atccaaacag tcagtacacc
                                                                       480
accgatgcca ccaaacgtct ggtattcctg aaagatcgtc tggcgaaata tgaatactcc
                                                                       540
gtggccgagt actatacaga acgtggcgca tgggttgccg tcgttaaccg cgtagaaggc
                                                                       600
atgttgcgcg actacccgga tacccaggct acgcgtgatg cgctgccgct gatggaaaat
                                                                       660
gcataccgtc agatgcagat gaatgcgcaa gctgaaaaag tagcgaaaat catcgccgca
                                                                       720
aacagcagca atacataaca gaaacctgaa acacaaaacg gcagcccttg agctgccgtt
                                                                       780
tttttattct gtcagttgtg aaactgaagc gatttagtca ctatcgatct catcaaatat
                                                                       840
ggctcgcttt gagatattcc tcaagtaaaa aaacacctct tcctgcgatt tctcacaaaa
                                                                       900
aagattegtt gacaaaaagt gacaaaatta tgagatttee atcacacatt ttgacatcag
                                                                       960
gaacggtatg ctgaattcac caagacggga agacaagagg taaaatttat gacaatgaac
                                                                      1020
attaccagca aaca'aatgga aattactccg gccatccgcc aacatgtcgc agaccgtctc
                                                                      1080
gccaaactgg aaaaatggca aacacatctg attaatccac atatcattct gtccaaagag
                                                                      1140
ccacaagggt ttgttgctga cgccacaatc aatacaccta acggcgttct ggttgccagt
                                                                      1200
ggtaaacatg aagatatgta caccgcaatt aacgaattga tcaacaagct ggaacggcag
                                                                      1260
ctcaataaac tgcagcacaa aggcgaagca cgtcgtgccg caacatcggt gaaagacgcc
                                                                      1320
aacttcgtcg aagaagttga agaagagtag
                                                            1350
```

<211> 207 <212> DNA	herichia col	<b>i</b>							
<213> Escherichia coli									
<400> 13									
ttgagctgc	c gtttttttat	tctgtcagtt	gtgaaactga	agcgatttag	tcactatcga	60			
tctcatcaa	a tatggctcgc	tttgagatat	tcctcaagta	aaaaaacacc	tcttcctgcg	120			
atttctcac	a aaaaagattc	gttgacaaaa	agtgacaaaa	ttatgagatt	tccatcacac	180			
attttgaca	t caggaacggt	atgctga				207			